

# https://treegenesdb.org/FTP/

FTP

powered  
by h5ai

Name <span>▼</span>		Last modified	Size
	Genomes	2025-04-30 15:11	
	OrthoDB	2023-04-18 13:17	
	Pita_SNP_Illumina	2018-12-17 18:30	
	temp	2024-02-19 15:49	
	Test	2025-02-04 12:39	
	Transcriptome	2024-03-06 10:47	
	VCF	2025-06-04 15:26	

# OUTLINE

1. Analysis Panel
2. Landscape Genomics
3. Demo *Populus trichocarpa*
4. Conclusion

# POPULUS TRICHOCARPA

Study	Samples	Genotypes	Phenotypes
Geraldes et al. 2008	55	32,000	0
Mckown et al. 2013	555	0	400
Mckown et al. 2014	555	\$3	2


# NEXTFLOW

Workflow management software

 Reproducible

 Concurrency

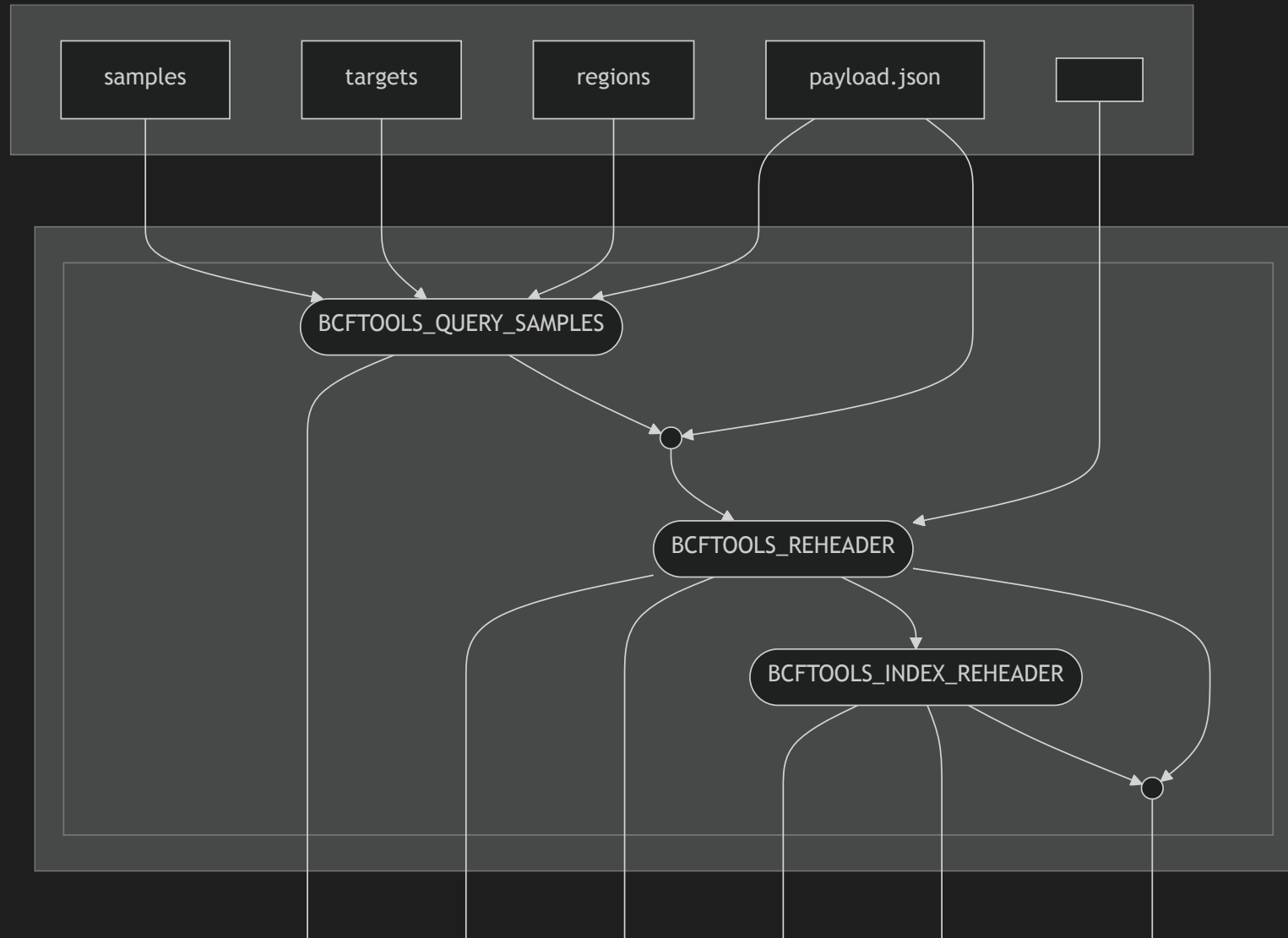
 Portable

 Community

# Containerized Workflows Enable Reproducibility

```
1 process FASTSTRUCTURE_VIS {
2   label "process_low"
3
4   container "${ workflow.containerEngine == 'singularity' &
5     'https://depot.galaxyproject.org/singularity/mulled-v2-
6     'biocontainers/mulled-v2-c85b516872f711516305474353432f
7
8   input:
9   path meanQ
10  path samples
11
12  output:
13  path "*.png", emit: png
14
15  when:
```

# STUDY-CONTEXT



# POPULATION STRUCTURE

